



WYOMING CANCER SURVEILLANCE PROGRAM

Year Funded	Type of Program	Affiliation	Compliance with Public Law 102-515: Legislation and Regulations*	
1995	Enhancement	State Health Department	Authorizing legislation for a statewide registry: Yes	Regulations in place for data reporting, confidentiality, and use: All

*Source: NPCR Legislative Database, January 2001.

Cancer Burden

Cancer is a devastating disease. According to the American Cancer Society, in 2001 an estimated 553,400 Americans will die of cancer, and approximately 1.3 million new cancer cases will be diagnosed. These estimates do not include in situ (preinvasive) cancer of any site except urinary bladder or approximately 1 million cases of nonmelanoma skin cancer to be diagnosed this year. In Wyoming, an estimated 2,200 new cancer cases will be diagnosed, and approximately 1,000 will die of this disease in 2001. Wyoming ranks 40th highest overall in cancer mortality rates among the 50 states and Washington, D.C.*

The NPCR

Cancer surveillance involves the systematic collection, analysis, and use of cancer data. Information derived through surveillance is critical for directing effective cancer prevention and control programs. The Centers for Disease Control and Prevention's **National Program of Cancer Registries (NPCR)**, authorized by Congress in 1992 through the Cancer Registries Amendment Act (Public Law 102-515), serves as the foundation of a national, comprehensive cancer control strategy. Statewide cancer registries provide critical data to help identify and monitor trends in cancer incidence and mortality over time; guide cancer control planning and evaluation; help

allocate health resources; and advance clinical, epidemiologic, and health services research.

Through the NPCR, CDC supports registries in 45 states, the District of Columbia, and three territories, representing 96% of the U.S. population.[†] Forty-five programs receive support to enhance existing registries; these have on-going cancer data-collection activities, policies and procedures for central registry operations in place, and core staff employed. Four programs receive support to plan and develop new registries; they are typically involved in laying the necessary groundwork for establishing a central, population-based registry.

With fiscal year 2001 appropriations of approximately \$36 million, CDC continues to support and enhance state cancer registries, and promotes appropriate uses of data. The CDC will also develop special research projects, such as studies of patterns of cancer care in specific populations and assessments of data for integration with geographic information systems.

State Highlights

- The Wyoming Cancer Surveillance Program (WCSP) was certified by the North American Association of Central Cancer Registries for completeness, timeliness, and quality of its 1997 data.

- The WCSP recently released results from two studies: *Childhood Cancer in Wyoming 1983-1997* and *Cancer Survival in Wyoming 1990-1997*. The first study examined malignant childhood cancers, including leukemia, brain and central nervous system cancers, and lymphomas. The second study looked at 5-year relative survival rates for the top four cancers in Wyoming: lung, colon, female breast, and prostate. Survival rates were presented by stage, and comparisons were made between hospital service areas. National survival rates were provided for comparison.
- The WCSP is currently studying migration patterns of Wyoming residents diagnosed with cancer. This study will help determine which counties and hospitals have the greatest percentage of cancer patients going out of state for treatment.
- The WCSP recently completed an overview study looking at ovarian cancer cases diagnosed in Wyoming from 1962 through 1997. Incidence and mortality rates were calculated and compared to national rates; the Wyoming rates were not found to be statistically significant.

Continued

*Source: CDC's National Center for Health Statistics, vital statistics data, underlying cause of death, 1993-1997.

[†]A map of the participating NPCR programs can be found at <http://www.cdc.gov/cancer/npcr/statecon.htm>.

WYOMING, CONTINUED

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